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PROSPECTUS

Lightning Creek Timber

PEND d'OREILLE

NATIONAL FOREST

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PROSPECTUS

**Eighty-Two Million Feet of Timber Offered for Sale on the
Pend d'Oreille National Forest, Idaho, and Kootenai
National Forest, Montana.**

LOCATION AND ACCESSIBILITY

The timber offered for sale lies on the watershed of Lightning Creek, beginning about ten miles from the mouth of the creek and extending up the creek for a distance of approximately ten miles. The merchantable timber stands on an area of approximately 12,000 acres and is found in a narrow strip along the main creek and in the basins of its tributaries. Lightning Creek as shown on the map flows south to the Clarksfork River, entering it near the town of Clarksfork.

The most practicable method for handling this timber is by the construction of approximately 30 miles of flume from the area to the Clarksfork River. The main creek and all of its principal tributaries carry ample water for fluming purposes and have favorable grades.

It is considered impracticable to drive Lightning Creek without excessive expense for stream improvement which would include piling, booming, cribbing or rip-rapping one bank or the other, and often both, from the confluence of Rattle Creek to its junction with the Clarksfork River.

It is considered an average tract to log. About 15 per cent of the area is a hand logging proposition; the remainder is suitable to horse logging. Although steep to a large extent, the slopes are fairly free of rock.

Like all regions producing white pine, there is a heavy fall of snow on this tract, the snow lying at a depth of six or eight feet for several months after the first of January.

DESCRIPTION OF TRACT AND TOPOGRAPHY

Lightning Creek is a rapid stream, having practically no slow water along its entire course. The grade of the main stream from its mouth north to its junction with the East Fork does not exceed 2 per cent; from this point north to the mouth of Rattle Creek the stream has an average grade of about 3 per cent; north from the mouth of Rattle Creek the main stream runs through a shallow canyon, the grade being from 10 per cent to 20 per cent; above this point to the upper side of the merchantable stand the grade runs from 5 per cent to 15 per cent and is more or less boulder strewn.

The bottoms of the timbered area along the main stream are from two to six chains wide up to the mouth of Rattle Creek; above here it narrows with little or no level land. The tributaries have grades from 8-12 per cent and their bottoms are from 50 to 250 feet wide. Detailed topographic maps can be obtained upon request.

TIMBER ESTIMATES

The following estimate of the timber by species gives the amount of timber to be removed, allowance having been made for trees reserved for seed production.

Species—	Amount.	Per Cent.
White pine	39,550 M.	48.6
White pine (dead).....	1,990 “	2.4
White fir	4,380 “	5.4
Spruce	4,830 “	5.9
Western larch	3,475 “	4.2
Douglas fir	2,685 “	3.2
Cedar	4,380 “	5.4
Hemlock	9,955 “	12.2
White bark pine, Lodgepole.....	10,260 “	12.7
Cedar poles	14,000	
	—————	—————
Total saw timber.....	81,505 “	100.0

The following is the summary of the estimated cost of logging. (Based on Forest Service net log scale (Scribner Decimal C) per M. ft. B. M.):

		Average Annual Capital Invested	Annual Deprecia- tion and Retire- ments	Charge per M. ft. B. M.
Initial improvements	\$87,200	\$43,600	\$17,440	\$1.05
Equipment	20,000	10,000	4,000	.24
		<hr/>		
Average annual capital invested.....		\$53,600		
Interest at 6%			3,216	.20
Current improvements	99,800			1.21
Cutting logs85
Swamping and skidding.....				1.80
Chuting for 16% of timber, labor and oil at 40c per M.....				.065
Building skidways or landings.....				.15
Landing logs and shipping in flume 6 men on 3 skidways for 100 M. per day.....				.165
Flume walkers15
Flume maintenance10
Freighting and toting.....				.11
Brush disposal50
Administration37
Girdling hemlock trees.....				.03
Planting05
Driving, sorting, booming, etc., to mills on lake				.30
				<hr/>
				7.340

MISCELLANEOUS

Each bidder will be required to submit with his bid a financial statement indicating that, in the judgment of the Forester, he has sufficient funds to handle the sale properly; at least 50 per cent of the estimated cost of fixed improvements and equipment should be available as assets, cash, or subscribed capital.

Upon personal application to the Forest Supervisor at Sand Point detailed maps, estimates, reports and a copy of the proposed form of contract may be inspected.

The last day for receiving bids is July 1.

The attached copy of the notice of sale gives other conditions of sale not mentioned above. The attached map indicates the general location of the timber.

NOTICE OF SALE

Eighty-Two Million Feet National Forest Timber for Sale

Amount and Kinds

White pine, 40,000 M; dead white pine, 2,000 M; spruce, 5,000 M; western larch, 4,000 M; Douglas fir, 3,000 M; white fir, 4,000 M; hemlock, 10,000 M; cedar, 4,000 M; miscellaneous, 10,000 M; total, 82,000 M; feet board measure, log scale, more or less; 14,000 cedar poles, more or less, together with an unestimated amount of cedar piling, shingle bolts and posts and white pine boom sticks.

Location

Within the Pend Oreille National Forest, Idaho, and the Kootenai National Forest, Montana, on an area of approximately 12,000 acres in approximately Townships 57 and 58 North, Ranges 2 and 3 East, Boise Meridian, and Township 29 North, Range 35 West, Montana Principal Meridian, unsurveyed, on the watershed of Lightning Creek, a tributary of the Clarksfork River, near Pend Oreille Lake.

Stumpage Prices

Lowest rates considered, \$3.75 per M. for green, and \$1.50 per M. for dead white pine; \$1.25 per M. for green and dead spruce; 80c per M. for green and dead western larch, Douglas fir and white fir; 50c per M. for green and dead hemlock, cedar and miscellaneous species and for green cut cedar poles, the following rates: 20' 5'', 5c; 20' 6'', 10c; 25' 6'', 15c; 25' 7'', 20c; 30' 6'', 25c; 30' 7'', 30c; 30' 8'', 35c; 35' 7'', 40c; 35' 8'', 45c; 40' 7'', 60c; 40' 8'', 65c; 45' 7'', 70c; 45' 8'', 80c; 50' 7'', 80c; 50' 8'', 85c; 55' 8'', 90c; 60' 8'', \$1.00; 65' 8'', \$1.10; 70' 8'', \$1.20; 75' 8'', \$1.30; dead cut cedar poles, one-half the rate for green cut; cedar piling 1c per linear foot up to and including 40'; over 40', 1½c per linear foot; cedar shingle bolts, 75c per cord; split cedar posts, 25c per hundred; round cedar posts, 7' long, 50c per hundred; round cedar posts over 7' feet long, ½c per linear foot; dead white pine boom sticks, \$1.00 per stick.

Period for Removal

The contract will be written to provide for the removal of all timber within five years without readjustment of prices, or within ten years with a readjustment at the end of the fourth and seventh years.

Deposit

With bid, \$15,000, to apply on purchase price if bid is accepted, or refunded if rejected. Ten per cent may be retained as forfeit if the contract and bond are not executed within the required time.

Final Date for Bids

Sealed bids will be received by the District Forester, Missoula, Montana, up to and including July 1, 1914.
The right to reject any and all bids is reserved. Before bids are submitted full information concerning the character of the timber, conditions of sale, deposits, and the submission of bids should be obtained from the District Forester, Missoula, Montana, or the Forest Supervisor, Sandpoint, Idaho.

T.58 N.

T.57 N.

T.56 N.

T.55 N.

T.54 N.

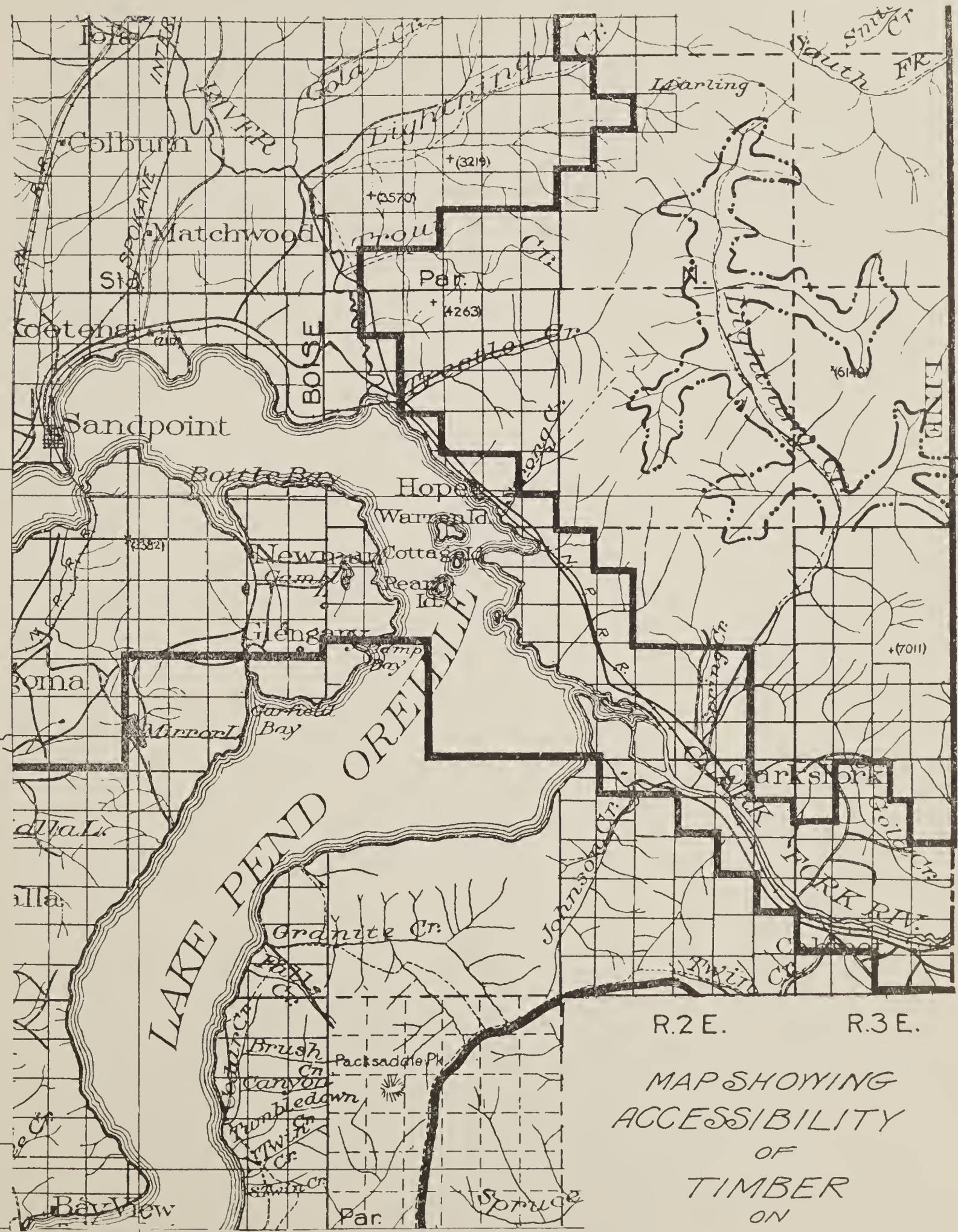
R.2 W.

R.1 W.

R.1 E.

R.2 E.

R.3 E.



MAP SHOWING
ACCESSIBILITY
OF
TIMBER
ON

LIGHTNING CREEK
PEND OREILLE NAT'L FOREST
IDAHO

--- Boundary of Merchantable Timber

